

CLAIMS

What is claimed is:

1. A system for enabling updates to applications on a running application
server without requiring a server restart, the system comprising:
 - 5 an application server that services an application for one or more
clients;
 - a deployer that coordinates an update to the application with the
application server, the deployer further comprising:
 - 10 a configuration file that assigns a priority to the
update and pushes the update to the
application sever based, at least in part,
upon the assigned priority.
2. The system of claim 1 further comprising:
 - 15 a duplicate application storage space that communicates with the
deployer, wherein the update to the application is first
performed on the duplicate application storage space.
3. A method for updating an application on an application server wherein
20 the update to the application is accomplished without the need for an
application server restart, the method comprising:

polling a storage location with a deployer to notice the presence
of an update, and when an update is noticed;
signaling an application server that the update is present;
determining a priority for the update;
5 deciding whether to proceed with the update based, at least in
part on the priority for the update, and if the decision is to
proceed;
adjusting the application so that the update may proceed;
updating the application; and
10 signaling the application server when the update is complete.

4. The method of claim 3 wherein the step of determining a priority for the
update further comprises:

reading the priority assigned to the update by the deployer,
15 wherein the assigned priority is based, at least in part,
upon a predetermined configuration.

5. A deployer that coordinates an update to an application running on an
application server, the deployer comprising:

20 a configuration file that assigns a priority to the update and
pushes the update to the application sever based, at least
in part, upon the assigned priority.

6. The deployer of claim 5 further comprising:

a poller to poll a storage location and determine whether
modified application files exist.

5 7. The deployer of claim 5 further comprising:

a signaler to signal the application server when the update is
complete.

10 8. A system for enabling updates to applications on a running application
server without requiring a server restart, the system comprising:

application server means for serving an application for one or
more clients;

deployer means for coordinating an update to the application
with the application server means, the deployer means
further comprising:

configuration file means for assigning a priority to
the update and pushing the update to the
application sever means based, at least in
part, upon the assigned priority.

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9. The system of claim 8 further comprising:

duplicate application storage means for communicating with the
deployer means, wherein the update to the application is

first performed on the duplicate application storage means.

10. A processor readable medium, having processor readable code
embodied thereon, that causes a processor to update an application on an
application server wherein the update to the application is accomplished
without the need for an application server restart, the processor readable
medium comprising:

processor readable code for polling a storage location with a
deployer to notice the presence of an update, and when an
update is noticed;

signaling an application server that the update is present;

processor readable code for determining a priority for the update;

processor readable code for deciding whether to proceed with the
update based, at least in part on the priority for the
update, and if the decision is to proceed;

adjusting the application so that the update may proceed;

processor readable code for implementing the update to the
application; and

processor readable code for signaling the application server when
the update is complete.

11. The processor readable medium of claim 10 wherein the processor readable code for determining a priority for the update further comprises:

processor readable code for reading the priority assigned to the
update by the deployer, wherein the assigned priority is
based, at least in part, upon a predetermined
configuration.

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12. Deployer means that coordinate an update to an application running on
an application server, the deployer means comprising:

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configuration file means for assigning a priority to the update
and pushing the update to the application sever based, at
least in part, upon the assigned priority.

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13. The deployer means of claim 12 further comprising:

polling means that polls a storage location and determines
whether modified application files exist.

14. The deployer means of claim 12 further comprising:

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signaling means for signaling the application server when the
update is complete.